



# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"To Enrich Lives Through Effective and Caring Service"*

900 SOUTH FREMONT AVENUE  
ALHAMBRA, CALIFORNIA 91803-1331  
Telephone: (626) 458-5100  
[www.ladpw.org](http://www.ladpw.org)

ADDRESS ALL CORRESPONDENCE TO:  
P.O. BOX 1460  
ALHAMBRA, CALIFORNIA 91802-1460

March 30, 2005

IN REPLY PLEASE  
REFER TO FILE: **FL-0**

TO: Each Supervisor

FROM: Donald L. Wolfe  
Acting Director of Public Works

### **ANNUAL CLEAN FUELS REPORT BOARD MOTION OF JANUARY 10, 1995, SYNOPSIS 8**

As directed in the Board's motion of January 10, 1995, County Departments are to report the composition of their fleet and their progress towards the County's goal of transitioning 15 percent of its fleet to clean fuels.

Listed below are some of Public Works' efforts to improve the air quality in the County and to achieve the Board's goal. Also attached is a summary of the composition of Public Works' fleet.

- Approximately 69 percent of Public Works' current gasoline-powered fleet is Certified Low Emission Vehicles (LEV) by the California Air Resource Board (CARB). This is an increase of almost 30 percent compared to last year. These LEVs produce less than half of the emissions allowed by the CARB's emission standards.
- Since December 2002, Public Works has purchased only Ultra Low Sulfur Diesel fuel.
- During Fiscal Year 2003-04, Public Works purchased 127 vehicles subject to the South Coast Air Quality Management Districts (AQMD) Fleet Rules. Of these vehicles, 92 percent met or exceeded AQMD's requirements. Of the 28 commercial trucks purchased, only 10 were purchased with diesel engines due to operational needs. These diesel engines were specified to be the latest technology and cleanest available.

- By May 2005, approximately 52 of our older diesel-powered trucks will be retrofitted with diesel oxidation catalysts. These catalysts reduce toxic particulate emissions by approximately 40 percent. Public Works has retrofitted 10 existing diesel-powered trucks with particulate filters to reduce emissions. Each of these measures has been taken to meet the proposed 2007 CARB rule of implementing diesel emission controls on 20 percent of our affected fleet. We currently have 12 percent of our affected fleet completed and anticipate exceeding the requirements.
- Since Fiscal Year 2003-04, Public Works has purchased and put into service six new Hybrid vehicles.
- Public Works has 12 existing 30-passenger buses of which 9 are now propane-powered.
- Public Works currently has 11 propane-powered sweepers. By 2006, approximately 50 percent of Public Works' 40 sweepers will be propane-powered.

JA:pl

P:\ftp\pub\General\MEMOS\BrdoSupannual\cleanfuelreport2005.doc

Attach.

cc: Chief Administrative Office  
Executive Office

bc: Administrative Services  
Fleet Management

**SUMMARY OF THE COMPOSITION OF PUBLIC WORKS FLEET**  
**AS OF MARCH 1, 2005**

DESCRIPTION	NUMBER OF UNITS	FUEL TYPE			
		GASOLINE	DIESEL	ELECTRIC	PROPANE
PUBLIC WORKS OWNED AND OPERATED					
MINI (LOW SPEED) CARS & TRUCKS Class 85	6	2		4	
SEDANS AND STATION WAGONS Class 1-4	197	191		6	
LIGHT TRUCKS & VANS Class 5-9	792	774	18		
MEDIUM TRUCKS Class 13-15	193	89	104		
COMMERCIAL TRUCKS Class 16-31 & 94	387	26	361		
STREET SWEEPERS Class 32-33	45		34		11
CONSTRUCTION EQUIPMENT Class 37-96 (-class 94)	349	69	280		
FORKLIFTS Class 98	38	17	11	7	3
SUBTOTAL	2007	1168	808	17	14
PUBLIC WORKS OWNED AND CONTRACT OPERATED (PROGRAMS DIVISION, TRANSIT OPERATIONS)					
VANS & LIGHT SHUTTLES	21	18	3		
COMMERCIAL BUSES	12		3		9
SUBTOTAL	33	18	6	0	9
PUBLIC WORKS OWNED AND CONTRACT OPERATED (AVIATION DIVISION)					
MEDIUM TRUCKS	10	10			
COMMERCIAL TRUCKS	12	3	9		
CONSTRUCTION EQUIPMENT	8	2	6		
SUBTOTAL	30	15	15	0	0
PUBLIC WORKS FLEET	NUMBER OF	FUEL TYPE			
	UNITS	GASOLINE	DIESEL	ELECTRIC	PROPANE
GRAND TOTAL	2070	1201	829	17	23